

THE UNIVERSITY OF CHICAGO

1. A disposable fluid processing set for treating a biological fluid comprising:
 - a first portion comprising a container for containing the biological fluid during treatment;
 - a second portion comprising a container for receiving the biological fluid after treatment;
 - a tubing connecting said containers and defining an openable flow path therebetween; and
 - a holder for temporarily holding said second portion separate from said first portion during a processing step.
2. The disposable fluid processing set of Claim 1 wherein said holder comprises a chamber defined by a bottom wall, side walls and a rear wall.
3. The disposable fluid processing set of Claim 1 wherein said second portion comprises:
 - a container that includes an adsorbent material disposed therein; and
 - a tubing segment integrally connecting said second portion containers and defining an openable flow path therebetween.
4. The disposable fluid processing set of Claim 3 wherein said container for receiving said biological fluid includes markable indicia on the outer surface of said container.
5. The disposable processing set of Claim 4 wherein said markable tabs of said storage containers are exposed to the outside environment.
6. The disposable processing set of Claim 1 wherein said holder comprises a slot for receiving said tubing.

8. The disposable processing set of Claim 7 wherein said slot is narrower than the diameter of said indicator.

10. The disposable processing set of Claim 1 further comprising an air reservoir and an air sink.

11. Apparatus of Claim 1 wherein said container for receiving said biological fluid includes an adsorbent material disposed therein.

12. A method for providing a substantially pathogen-free biological fluid comprising:

collecting a biological fluid into a collection container, said collection container comprising a length of tubing extending therefrom, said tubing including a sealed end and defining an openable flow path between said collection container and said sealed end;

providing a disposable fluid processing set comprising at least a first container integrally connected to a second container and length of tubing extending from said first container, said tubing including a sealed end and defining an openable flow path between said first container and said sealed end;

joining said collection container tubing and said first container tubing in a sterile manner and establishing fluid communication between said collection container and said first container;

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contacting said biological fluid with a selectively adsorbent material.

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16. The method of Claim 12 comprising severing said tubing to separate said collection container from said first container.

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passing said biological fluid from said first container through said container including said adsorbent material to said second container; and

19. The method of Claim 18 comprising contacting said biological fluid with said adsorbent material for between approximately 30 seconds and 7 days.

20. The method of Claim 18 comprising severing said tubing connecting said first and second containers to separate said container including said adsorbent material from said second container.

21. The method of Claim 12 further comprising introducing air into said first container to express said biological fluid into said second container.

22. The method of Claim 12 further comprising introducing said biological fluid into said second container.

23. The method of Claim 22 further comprising expressing air from said second container after said introducing step.

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